

HYS-5 CORRECTED.txt
SEQUENCE LISTING

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02 JAN 30 PM 12:30

<110> Boyle, Bryan J
Ford, John E
Mize, Nancy K
Tang, Y. Tom
Liu, Chenghua
Drmanac, Radoje T
Dickson, Mark C
Arterburn, Matthew C

<120> METHODS AND MATERIALS RELATING TO NOVEL C-TYPE LECTIN RECEPTOR-LIKE
POLYPEPTIDES AND POLYNUCLEOTIDES

<130> HYS-5

<140> US 09/545,283

<141> 2000-04-07

<150> US 09/496,914

<151> 2000-02-03

<160> 11

<170> PatentIn version 3.0

<210> 1

<211> 415

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature

<222> (1)..(415)

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ccagggtgaag gtctggtcca tggcagtcgt atccatcttg ctctcagtg tctgtttcac 120
tgtgagttct gtggtgcctc acaattttat gtatagcaaa actgtcaaga ggctgtccaa 180
gttacgagag tatcaacagt atcattcaag cctgacctgc gtcattggaag gaaaggacat 240
agaagattgg agctgctgcc caacccttg gacttcattt cagtctagtt gctactttat 300
ttctactggg atgcaatctt ggactaagag tcaaaagaac tgttctgtga tgggggctga 360
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<210> 2

<211> 826

<212> DNA

<213> Homo sapiens

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ccagggtgaag gtctggtcca tggcagtcgt atccatcttg ctctcagtg tctgtttcac 120
tgtgagttct gtggtgcctc acaattttat gtatagcaaa actgtcaaga ggctgtccaa 180
gttacgagag tatcaacagt atcattcaag cctgacctgc gtcattggaag gaaaggacat 240
agaagattgg agctgctgcc caacccttg gacttcattt cagtctagtt gctactttat 300
ttctactggg atgcaatctt ggactaagag tcaaaagaac tgttctgtga tgggggctga 360
tctggtgggt atcaacacca gggaagaaca ggatttcac attcagaatc tgaaaagaaa 420
ttcttcttat tttctggggc tgtcagatcc agggggctcg cgacattggc aatgggttga 480
ccagacacca tacaatgaaa atgtcacgtg agtatagaat gagattctgg cactcagggt 540
aaccaataa cttgatgag cgttggtgca taataaattt ccgttcttca gaagaatggg 600
gctggaatga cattcactgt catgtacctc agaagtcaat ttgcaagatg aagaagatct 660
acataataa gaaatattct ccctggaaat gtgtttgggt tggcatccac cgttgtagaa 720
agctaaattg attttttaat ttatgtgtaa gttttgtaca aggaatgccc ctaaaatggt 780
tcagcaggct gtcacctatt acacttatga tataatccat ttaaaa 826

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gtc aca ttc tgg cac tca ggt gaa ccc aat aac ctt gat gag cgt tgt 582
Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn Leu Asp Glu Arg Cys
165 170 175 180

gcg ata ata aat ttc cgc tct tca caa gaa tgg ggc tgg aat gac att 630
Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly Trp Asn Asp Ile
185 190 195

cac tgt cat gta cct cac aag tca att tgc gag atg aag aag atc tac 678
His Cys His Val Pro His Lys Ser Ile Cys Glu Met Lys Lys Ile Tyr
200 205 210

ata tac atg aaa tat tct ccc tgg aaa tgt gtt tgg gtt ggc atc cac 726
Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp Val Gly Ile His
215 220 225

cgc tgt aga aag cta aat tga ttttttaatt tatgtgtaag atttgtacaa 777
Arg Cys Arg Lys Leu Asn
230

agaatgcccc taaatgtttc agcaggctgt cacctattac acttatgata taatccattc 837
acacattcaa aaaaaaaaaa g 858

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<211> 234

<212> PRT

<213> Homo sapiens

<400> 4

Met Val Pro Glu Glu Glu Pro Gln Asp Arg Glu Lys Gly Leu Trp Trp
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Phe Gln Leu Lys Val Trp Ser Met Ala Val Val Ser Ile Leu Leu Leu
20 25 30

Ser Val Cys Phe Thr Val Ser Ser Val Val Pro His Asn Phe Met Tyr
35 40 45

Ser Lys Thr Val Lys Arg Leu Ser Lys Leu Arg Glu Tyr Gln Gln Tyr
50 55 60

His Ser Ser Leu Thr Cys Val Met Glu Gly Lys Asp Ile Glu Asp Trp
65 70 75 80

Ser Cys Cys Pro Thr Pro Trp Thr Ser Phe Gln Ser Ser Cys Tyr Phe
85 90 95

Ile Ser Thr Gly Met Gln Ser Trp Thr Lys Ser Gln Lys Asn Cys Ser

100

Val Met Gly Ala Asp Leu Val Val Ile Asn Thr Thr Glu Glu His Asp
115 120 125
Phe Ile Ile His Asn Leu Lys Arg Asn Ser Ser Tyr Phe Leu Gly Leu
130 135 140
Ser His Pro Arg Gly Arg Arg His Trp Gln Trp Val Asp His Thr Pro
145 150 155 160
Tyr Asn Glu Asn Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn Leu
165 170 175
Asp Glu Arg Cys Ala Ile Ile Asn Phe Arg Ser Ser Gln Glu Trp Gly
180 185 190
Trp Asn Asp Ile His Cys His Val Pro His Lys Ser Ile Cys Glu Met
195 200 205
Lys Lys Ile Tyr Ile Tyr Met Lys Tyr Ser Pro Trp Lys Cys Val Trp
210 215 220
C Val Gly Ile His Arg Cys Arg Lys Leu Asn
225 230

<210> 5

<211> 14

<212> PRT

<213> Homo sapiens

<400> 5

Trp Asn Asp Ile His Cys His Val Pro His Lys Ser Ile Cys
1 5 10

<210> 6

<211> 193

<212> PRT

<213> Homo sapiens

<400> 6

Val Pro His Asn Phe Met Tyr Ser Lys Thr Val Lys Arg Leu Ser Lys
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1 5 10 15
 Leu Arg Glu Tyr₂₀ Gln Gln Tyr His Ser₂₅ Ser Leu Thr Cys Val₃₀ Met Glu
 Gly Lys Asp₃₅ Ile Glu Asp Trp Ser₄₀ Cys Cys Pro Thr Pro₄₅ Trp Thr Ser
 Phe Gln Ser Ser Cys Tyr Phe₅₅ Ile Ser Thr Gly Met₆₀ Gln Ser Trp Thr
 Lys Ser Gln Lys Asn₇₀ Cys Ser Val Met Gly Ala₇₅ Asp Leu Val Val Ile₈₀
 Asn Thr Thr Glu₈₅ Glu His Asp Phe Ile Ile₉₀ His Asn Leu Lys Arg Asn₉₅
 Ser Ser Tyr Phe₁₀₀ Leu Gly Leu Ser His₁₀₅ Pro Arg Gly Arg Arg₁₁₀ His Trp
 Gln Trp Val₁₁₅ Asp His Thr Pro Tyr₁₂₀ Asn Glu Asn Val Thr₁₂₅ Phe Trp His
 Ser Gly Glu Pro Asn Asn Leu₁₃₅ Asp Glu Arg Cys Ala₁₄₀ Ile Ile Asn Phe
 Arg Ser Ser Gln Glu Trp₁₅₀ Gly Trp Asn Asp Ile₁₅₅ His Cys His Val Pro₁₆₀
 His Lys Ser Ile Cys₁₆₅ Glu Met Lys Lys Ile₁₇₀ Tyr Ile Tyr Met Lys₁₇₅ Tyr
 Ser Pro Trp Lys₁₈₀ Cys Val Trp Val Gly₁₈₅ Ile His Arg Cys Arg₁₉₀ Lys Leu

Asn

<210> 7

<211> 18

<212> PRT

<213> Homo sapiens

<400> 7

Cys Tyr Phe Ile Ser Thr Gly Met Gln Ser Trp Thr Lys Ser Gln Lys
 1 5 10 15

Asn Cys

<210> 8

<211> 215

<212> PRT

<213> Mus musculus

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<400> 8

Glu Glu Ser Gln Met Lys Ser Lys Gly Thr Arg His Pro Gln Leu Ile
1 5 10 15
Pro Cys Val Phe Ala Val Val Ser Ile Ser Phe Leu Ser Ala Cys Phe
20 25 30
Ile Ser Thr Cys Leu Val Thr His His Tyr Phe Leu Arg Trp Thr Arg
35 40 45
Gly Ser Val Val Lys Leu Ser Asp Tyr His Thr Arg Val Thr Cys Ile
50 55 60
Arg Glu Glu Pro Gln Pro Gly Ala Thr Gly Gly Thr Trp Thr Cys Cys
65 70 75 80
Pro Val Ser Trp Arg Ala Phe Gln Ser Asn Cys Tyr Phe Pro Leu Asn
85 90 95
Asp Asn Gln Thr Trp His Glu Ser Glu Arg Asn Cys Ser Gly Met Ser
100 105 110
Ser His Leu Val Thr Ile Asn Thr Glu Ala Glu Gln Asn Phe Val Thr
115 120 125
Gln Leu Leu Asp Lys Arg Phe Ser Tyr Phe Leu Gly Leu Ala Asp Glu
130 135 140
Asn Val Glu Gly Gln Trp Gln Trp Val Asp Lys Thr Pro Phe Asn Pro
145 150 155 160
His Thr Val Phe Trp Glu Lys Gly Glu Ser Asn Asp Phe Met Glu Glu
165 170 175
Asp Cys Val Val Leu Val His Val His Glu Lys Trp Val Trp Asn Asp
180 185 190
Phe Pro Cys His Phe Glu Val Arg Arg Ile Cys Lys Leu Pro Gly Ile
195 200 205
Thr Phe Asn Trp Lys Pro Ser
210 215

<210> 9

<211> 187

<212> PRT

<213> Homo sapiens

<400> 9

Leu Ile Phe Phe Leu Leu Leu Ala Ile Ser Phe Phe Ile Ala Phe Val
1 5 10 15
Ile Phe Phe Gln Lys Tyr Ser Gln Leu Leu Glu Lys Lys Thr Thr Lys
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20

25

30

Glu Leu Val₃₅ His Thr Thr Leu Glu₄₀ Cys Val Lys Lys Asn₄₅ Met Pro Val
 Glu Glu₅₀ Thr Ala Trp Ser Cys₅₅ Cys Pro Lys Asn Trp₆₀ Lys Ser Phe Ser
 Ser Asn Cys Tyr Phe Ile₇₀ Ser Thr Glu Ser Ala₇₅ Ser Trp Gln Asp Ser₈₀
 Glu Lys Asp Cys Ala₈₅ Arg Met Glu Ala His₉₀ Leu Leu Val Ile Asn₉₅ Thr
 Gln Glu Glu Gln₁₀₀ Asp Phe Ile Phe Gln₁₀₅ Asn Leu Gln Glu Glu₁₁₀ Ser Ala
 Tyr Phe Val₁₁₅ Gly Leu Ser Asp Pro₁₂₀ Glu Gly Gln Arg His₁₂₅ Trp Gln Trp
 Val Asp Gln Thr Pro Tyr Asn₁₃₅ Glu Ser Ser Thr Phe₁₄₀ Trp His Pro Arg
 Glu₁₄₅ Pro Ser Asp Pro Asn₁₅₀ Glu Arg Cys Val Val₁₅₅ Leu Asn Phe Arg Lys₁₆₀
 Ser Pro Lys Arg Trp₁₆₅ Gly Trp Asn Asp Val₁₇₀ Asn Cys Leu Gly Pro₁₇₅ Gln
 Arg Ser Val Cys₁₈₀ Glu Met Met Lys Ile₁₈₅ His Leu

<210> 10

<211> 187

<212> PRT

<213> Homo sapiens

<400> 10

Leu Ile Phe Phe₅ Leu Leu Ala Ile Ser₁₀ Phe Phe Ile Ala Phe Val₁₅
 Ile Phe Phe Gln₂₀ Lys Tyr Ser Gln₂₅ Leu Leu Glu Lys Lys Thr₃₀ Thr Lys
 Glu Leu Val₃₅ His Thr Thr Leu Glu₄₀ Cys Val Lys Lys Asn₄₅ Met Pro Val
 Glu Glu₅₀ Thr Ala Trp Ser Cys₅₅ Cys Pro Lys Asn Trp₆₀ Lys Ser Phe Ser
 Ser Asn Cys Tyr Phe Ile₇₀ Ser Thr Glu Ser Ala₇₅ Ser Trp Gln Asp Ser₈₀
 Glu Lys Asp Cys Ala₈₅ Arg Met Glu Ala His₉₀ Leu Leu Val Ile Asn₉₅ Thr
 Gln Glu Glu Gln Asp Phe Ile Phe Gln Asn Leu Gln Glu Glu Ser Ala

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100

105

110

Tyr Phe Val Gly Leu Ser Asp Pro Glu Gly Gln Arg His Trp Gln Trp
 115 120 125
 Val Asp Gln Thr Pro Tyr Asn Glu Ser Ser Thr Phe Trp His Pro Arg
 130 135 140
 Glu Pro Ser Asp Pro Asn Glu Arg Cys Val Val Leu Asn Phe Arg Lys
 145 150 155 160
 Ser Pro Lys Arg Trp Gly Trp Asn Asp Val Asn Cys Leu Gly Pro Gln
 165 170 175
 Arg Ser Val Cys Glu Met Met Lys Ile His Leu
 180 185

<210> 11

<211> 208

<212> PRT

<213> Mus musculus

<400> 11

Pro Arg Glu Lys Pro Ile Arg Asp Leu Arg Lys Pro Gly Ser Pro Ser
 1 5 10 15
 Leu Leu Leu Thr Ser Leu Met Leu Leu Leu Leu Leu Ala Ile Thr
 20 25 30
 Phe Leu Val Ala Phe Ile Ile Tyr Phe Gln Lys Tyr Ser Gln Leu Leu
 35 40 45
 Glu Glu Lys Lys Ala Ala Lys Asn Ile Met His Asn Glu Leu Asn Cys
 50 55 60
 Thr Lys Ser Val Ser Pro Met Glu Asp Lys Val Trp Ser Cys Cys Pro
 65 70 75 80
 Lys Asp Trp Arg Leu Phe Gly Ser His Cys Tyr Leu Val Pro Thr Val
 85 90 95
 Ser Ser Ser Ala Ser Trp Asn Lys Ser Glu Glu Asn Cys Ser Arg Met
 100 105 110
 Gly Ala His Leu Val Val Ile Gln Ser Gln Glu Glu Gln Asp Phe Ile
 115 120 125
 Thr Gly Ile Leu Asp Thr His Ala Ala Tyr Phe Ile Gly Leu Trp Asp
 130 135 140
 Thr Gly His Arg Gln Trp Gln Trp Val Asp Gln Thr Pro Tyr Glu Glu
 145 150 155 160
 Ser Ile Thr Phe Trp His Asn Gly Glu Pro Ser Ser Gly Asn Glu Lys
 165 170 175
 Cys Ala Thr Ile Ile Tyr Arg Trp Lys Thr Gly Trp Gly Trp Asn Asp

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180

185

190

C Ile Ser Cys Ser Leu Lys Gln Lys Ser Val Cys Gln Met Lys Lys Ile
195 200 205